



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1652
#25
[Signature]

In re Application of)

DAHLQUIST et al.)

Serial No. 09/537,710)

Filed: March 30, 2000)

Art Unit: 1652

Examiner: Kerr

RECEIVED

JUN 23 2003

TECH CENTER 1600/2900

For: A NEW CLASS OF ENZYMES IN THE BIOSYNTHETIC PATHWAY FOR THE
PRODUCTION OF TRIACYLGLYCEROL AND RECOMBINANT DNA
MOLECULES ENCODING THESE ENZYMES

I hereby certify that this correspondence is being deposited with the
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DANIEL S. KIM

Person Making Deposit

Signature

JUNE 16, 2003

Date of Signature

Honorable Comm'r. of Patents
Washington, D.C. 20231

RESPONSE TO OFFICE COMMUNICATION

Sir:

Applicants herein response to the office communication dated May 16, 2003.

REMARKS

In Paper 24 the examiner states that the reply filed on April 14, 2003 (Paper 23) is not fully responsive to the prior office action because applicants have not defined the species in the elected group.

Applicants had elected with traverse SuperGroup F, Group I and SEQ ID NOs: 1 and 2.

The examiner stated that the nature of SEQ ID NOs: 16, 19, 20, 21, and 22 remain unclear. Applicants already defined the nature of these sequences in applicants' submission dated August 26, 2002 when applicants amended paragraphs from page 35, line 25 through page 37, line 15 of the present specification.

Applicants herein state what is contain in page 35, line 25 through page 37, line